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1.	Name of conveying party(ies):			
	Hiroshi WATANABE			
	Tatsuhiro UCHIYAMA			
	Wataru SHIRAISHI			
	Satoshi TAKATSUGI			
2.	Name and Address of receiving party(ies):			
	FANUC LTD.			
	3580, Shibokusa, Aza-komanba			
	Oshino-mura, Minamitsuru-gun			
	Yamanashi, 401-0597 Japan			
3.	Nature of conveyance:			
	X Assignment Merger			
	Security Agreement Change of Name			
	Other:			
	Execution Date(s): October 20, 2003			
4.	Application number(s) or patent number(s):			
т.	☐ This document is being filed together with a new application:			
	(a) The execution date(s) of the application is/are: October 20, 2003			
	(b) The title is:CONTROLLER OF INJECTION MOLDING MACHINE			
	OR			
	☐ This document is being filed after filing of the application:			
	(a) Patent Application No(s)/, filed; or			
	(b) Patent No(s). , issued .			
5.	Name and address of party to whom correspondence concerning document should be mailed:			
	STAAS & HALSEY LLP Our Docket: 392.1834			
	Attention: H. J. Staas			
	1201 New York Ave., N.W., Suite 700			
	Washington, D.C. 20005			
6.	Total number of applications and patents involved:1			
7.	Total fee (37 CFR 3.41) (\$ 40.00 per Assignment)			
	X Enclosed			
	Authorized to be charged to deposit account.			
8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account			
	(Attach duplicate copy of this page if paying by deposit account)			
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PATENT REEL: 014661 FRAME: 0120

 Statement and signature. To the best of my knowledge a copy is a true copy of the origin 	nd belief, the foregoing information is nal document.	true and correct and any attached
<u>H. J. Staas, Reg. No. 22,010</u> Name of Person Signing	Signature	October 31, 2003 Date
	Total num	nber of pages including cover sheet: 3
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PATENT REEL: 014661 FRAME: 0121

IN CONSIDERATION of the sum of One Dollar (S (hereinafter, "ASSIGNOR") by	1.00), and of other good and valuable	e consideration paid to the undersigned inventor(s)
(Insert Name(s) & Address(es) of ASSIGNEE(S)) F.F.	ANUC LTD.	
3580, Shibokusa, A	Aza-komanba, Oshino	-mura,
Minamitsuru-gun, Y	/amanashi, 401-0597	Japan
(hereinafter, "ASSIGNEE"), the receipt of which is he	urshy acknowledged, the undersigned	ASSIGN(1)P hereby sells assigns and transfers to
ASSIGNEE the entire and exclusive right, title and inte		PERSONAL PROPERTY AND ASSESSED BITTER PROPERTY OF THE PERSON TO
CONTROLLER OF IN	NJECTION MOLDING MA	CHINE
relating to International Patent Application PCT/JP_ executed on even date herewith or, if not so executed, v		lication for Letters Patent of the United States was
(a) executed on		of application, if not concurrent)
(b) filed on;	York Ave., NW., Suite	y of STAAS & HALSEY LLP, 1201 New 700, Washington, DC 20005 y authorized to insert in (b) the specified
and to said application and all Letters Patent(s) of the Ur reissue or reexamination application based thereon, for any extensions thereof (collectively, hereinafter, "said a	the full term or terms for which the s	aid Letters Patent(s) may be granted and including
The ASSIGNOR agree(s), when requested by said AS the ASSIGNEE may deem necessary, desirable or expet the preparation and prosecution of said application(s) spublic use proceeding, and in any litigation or other leg not be limited to executing all papers, including separate obtaining and producing evidence.	dient, for securing, maintaining and e and the issuance of said Letters Paten al proceeding which may arise or be d	nforcing protection for said invention, including in ti(s), in any interference, reissue, reexamination, or leclared in relation to same, such acts to include but
IN WITNESS WHEREOF, the undersigned invento	r(s) has (have) affixed his/her/their si	gnature(s).
(Typed Name & Signature of Inventor(s))	(Date)	(Typed Name & Signature of Witness(es))
Hirashi Walanahe Hiroshi WATANABE	Oct. 20 /2003	Jarumi Omon'
2) Tatsuhiro UQHIYAMA	Oct 20 / 2003	1 Lanumi (Imoni Harumi OMORI
3) <u>Watoru Shiraishi</u> Wataru SHIRAISHI	Oct. 20/2003	J Jarumi Omori Harumi OMORI
4) Satoshi Takarsyr Satoshi TAKATSUGI	Oct. 20/2003	Janumi Omori Harumi OMORI

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RECORDED: 10/31/2003